
What Are Sunspots By Cindy Grigg Answers

what are sunspots? - mrsd - what are sunspots? by cindy grigg 1 caption (original nasa description): it was a quiet day on the sun in september of 2000. the above image from nasa's sun-observing trace spacecraft shows, however, that even during "off days" the sun's surface is a busy place. **sunspots, gdp and the stock market - growth-dynamics** - sunspots, gdp and the stock market theodore modis growth-dynamics, via selva 8, massagno, 6900 lugano, switzerland received 6 may 2007; accepted 13 june 2007 abstract a correlation has been observed between the us gdp and the number of sunspots as well as between the dow jones industrial average and the number of sunspots. **sunspots and climate - geocraft** - sunspots and climate we do not know why the sun spends part of its time in a magnetically quiescent state, and whether the sunspot minima occur with a regularity that is sufficient to predict when the next quiescent episode might occur. **sunspot cycle charts - michaelmandeville** - the sunspots were in a peak period during 1916-17, no doubt the war and its various battles were heavily stimulated by the energies which are boiling off the sun. intrigued by the connection of human behavior to solar physics, tchijevsky constructed an "index **sunspots test answer key - multiverse** - sunspots test answer key the following answers reflect content contained in the sunspots lesson. you may want to devise a grading rubric based on relative values of multiple choice answers and levels of detail. **sunspots and space weather - multiverse** - learn more about what sunspots are. george fisher, a solar astronomer at the university of california, describes how scientists think of sunspots today: "a sunspot is a dark part of the sun's surface that is cooler than the surrounding area. it turns out it is cooler because of a strong magnetic field there that **a re-examination of the sunspot- - kansas state university** - a re-examination of the sunspot-weather - theory of business cycles . daniel kuester and charles r. britton . abstract . the economic activity in arid/semiarid areas of the western united states would seem to be much more influenced by weather than humid/semi humid areas since they are located marginally closer to major drought conditions at any **sunspots and the solar rotation introduction** - across the surface of the sun, (4) determine if sunspots share a common movement, (5) measure the location of sunspots as a function of time to determine the solar rotation rate and (6) determine the range of sizes of visible sunspots and the number of sunspots which are visible on the sun on a given day. the lab is done in two parts. **sunspots and solar rotation - bu** - sunspots and solar rotation the problem: when galileo first pointed his telescope at the sun he found dark spots on its surface (but he also may have ruined his eyes - there are better ways to look at the sun). **do sunspot cycles affect crop yields?** - do sunspot cycles affect crop yields? by virden l. harrison* introduction in 1974, sunspot activity was nearing the low point of a cycle. that year, drought and other unusual weather conditions resulted in abnormally low yields for u.s. corn, barley, oats, sorghum, soybeans, and, to some extent, wheat. **what happened to those sunspots and what can we expect** - what happened to those sunspots and what can we expect douglas biesecker noaa/nws/swpc. chair of solar cycle 24 prediction panel **solar irradiance changes and the sunspot cycle 27** - solar irradiance changes and the sunspot cycle 27 irradiance (also called insolation) is a measure of the amount of sunlight power that falls upon one square meter of exposed surface, usually measured at the 'top' of **are those sunspots really on the sun? - stanford university** - are those sunspots really on the sun? summary of activity: students will acquire solar images (or draw sunspots), and record coordinates of sunspots. they will calculate and plot their apparent movement and describe their shapes. they will determine whether sunspots are features on the surface of the sun, or objects in orbit around it. **sunspots in the laboratory - boston college** - sunspots may be more likely to arise on the nyse, where a market maker sets price according to his order book, than on the nasdaq, an over-the-counter market where it is common to see several outstanding bids and offers at any one time. 2. related literature we are not the first to use the laboratory in an effort to obtain direct evidence of **warning! - jpl | nasa** - sunspots. in fact, publicizing these "imperfections" on the celestial face of the sun was one of the things that got galileo into trouble with the authorities. visibly